

ARG83582

arigoQIK® Human IL22 ELISA Development Kit

Package: 1 kit(5 plates), 1 kit
(15 plates)
Store at: 4°C, -20°C

Summary

Product Description

ARG83582 arigoQIK® Human IL22 ELISA Development Kit, includes Capture antibody, Detection antibody, Standard, and HRP-Streptavidin Solution.
This ELISA Development Kit is designed for the development of sandwich ELISA to measure Human IL22 in Serum, plasma and cell culture supernatants.

For other reagents required for [arigoQIK® ELISA Development Kit](#), please refer [ARG83524 Integral Reagent Kit \(ELISA Development Kit\)](#)

More about arigoQIK®:

- Optimized capture and detection antibody pairs
- Reduced incubation time and wash cycles
- 2-hour quicker than conventional ELISA process
- 5- and 15-plate packages available

Tested Reactivity

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Tested Application

ELISA

Target Name

IL22

Conjugation

HRP

Conjugation Note

Substrate: TMB and read at 450 nm.

Sensitivity

3.9 pg/ml

Sample Type

Serum, plasma and cell culture supernatants.

Standard Range

7.8 - 500 pg/ml

Sample Volume

50 µl

Alternate Names

IL22; Interleukin 22; IL-TIF; ILTIF; IL-22; TIFIL-23; Zcyto18; IL-D110; IL-21; TIFa; IL-10-Related T-Cell-Derived Inducible Factor; Cytokine Zcyto18; Interleukin-22; MGC79382; MGC79384; IL-10-Related T-Cell-Derived-Inducible Factor; ZCYTO18

Properties

Form

96 well

Storage instruction

Store components at 4°C or -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol

IL22

Gene Full Name

Interleukin 22

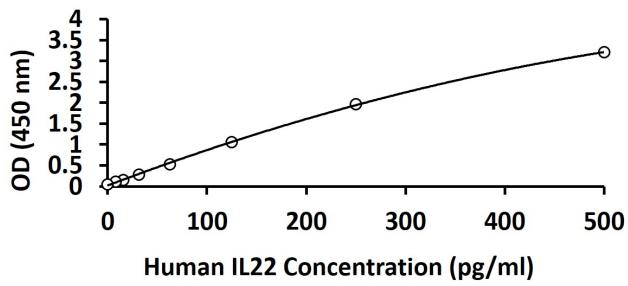
Background

This gene is a member of the IL10 family of cytokines that mediate cellular inflammatory responses. The encoded protein functions in antimicrobial defense at mucosal surfaces and in tissue repair. This protein also has pro-inflammatory properties and plays a role in the pathogenesis of several

intestinal diseases. The encoded protein is a crucial cytokine that regulates host immunity in infectious diseases, including COVID-19 (disease caused by SARS-CoV-2). [provided by RefSeq, Dec 2021]

Function	Promotes phosphorylation of GSK3B at 'Ser-9' and CTTN. Promotes epithelial cell spreading. [UniProt]
PTM	Disulfide bond, Glycoprotein. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG83582 arigoQIK Human IL22 ELISA Development Kit standard curve image

ARG83582 arigoQIK Human IL22 ELISA Development Kit results of a typical standard run with optical density reading at 450 nm.